

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

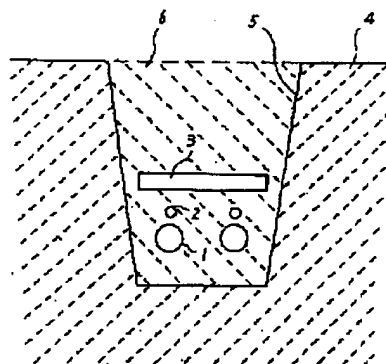
(11) Publication number: **57195206 A**(43) Date of publication of application: **30.11.82**

(51) Int. Cl.

G02B 5/16**H02G 9/02****// H04B 9/00**(21) Application number: **56078653**(71) Applicant: **NEC CORP**(22) Date of filing: **26.05.81**(72) Inventor: **SATO KUNIIKO****(54) OPTICAL FIBER CABLE LAYING SYSTEM****(57) Abstract:**

PURPOSE: To utilize an optical fiber cable for use other than information transmission using a light beam, by burying and laying the optical fiber cable through an earthen layer of small thickness on an underground transmission cable buried under the ground.

CONSTITUTION: At first, a groove 15 is dug on the ground 5, earth is piled up to some extent on the bottom surface of this groove 5, and an underground transmission cable 1 is laid on said earth. Subsequently, on this cable, earth is piled up to thickness of some extent, and after that, an optical fiber cable 2 is laid so as to be just above the transmission cable 1. Also, on this cable, earth is piled up, and as necessary, a protective plate consisting of concrete, etc. is placed on which earth is piled up 6. In this way, it is also possible to detect a disconnected spot of the underground transmission cable 1 by utilizing the optical fiber cable 2.



COPYRIGHT: (C)1982,JPO&Japio